

FIG. 1

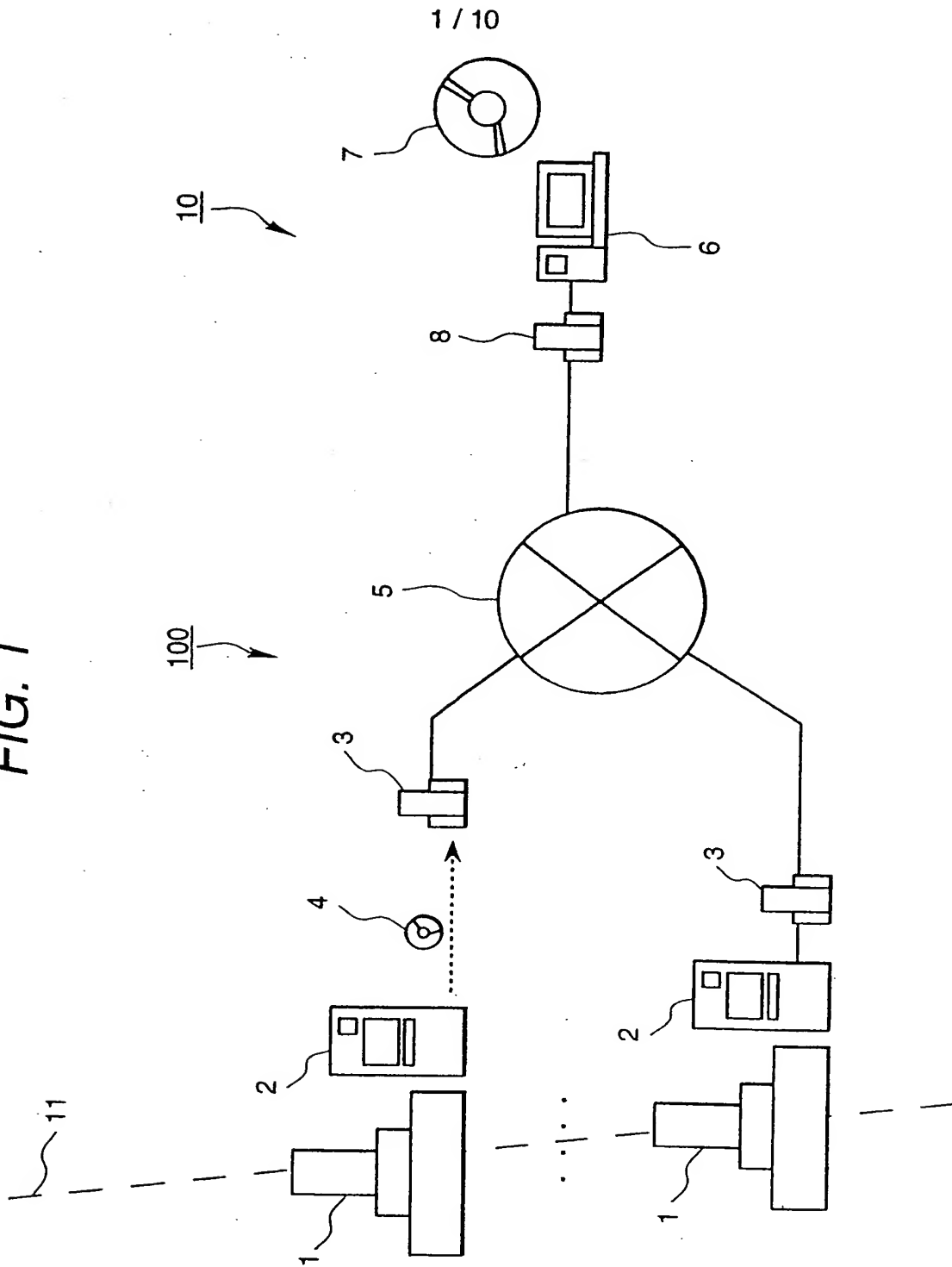


FIG. 2

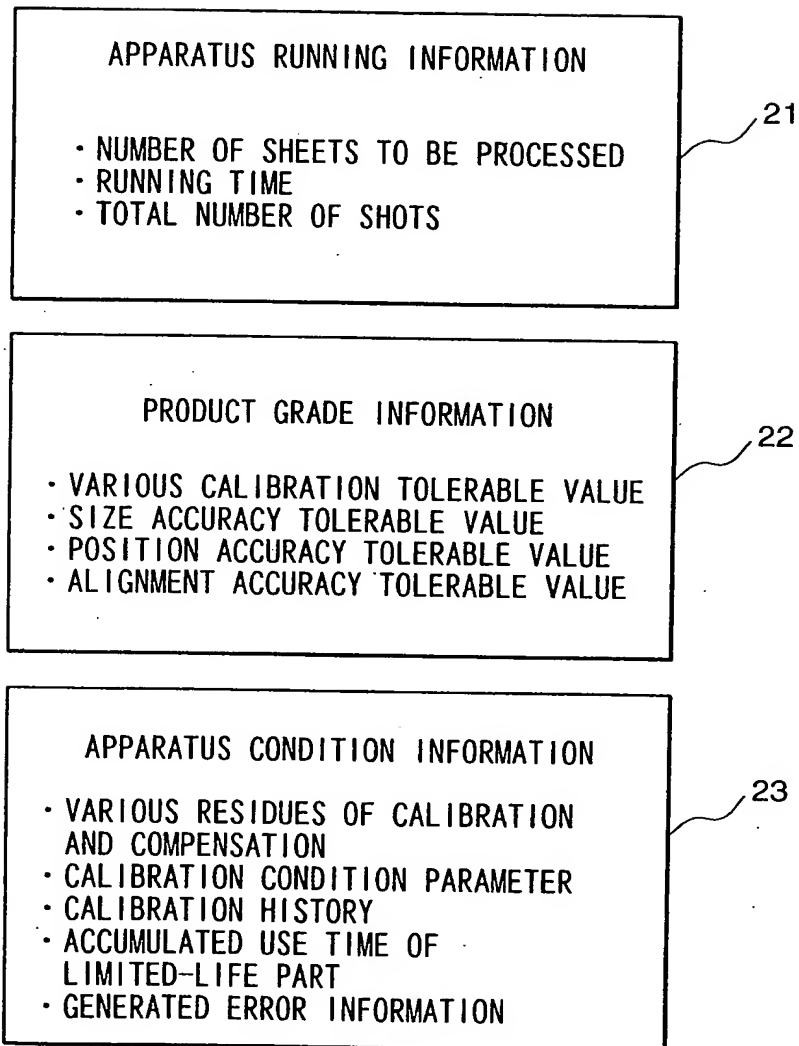


FIG. 3

CHARGING SYSTEM FLOW

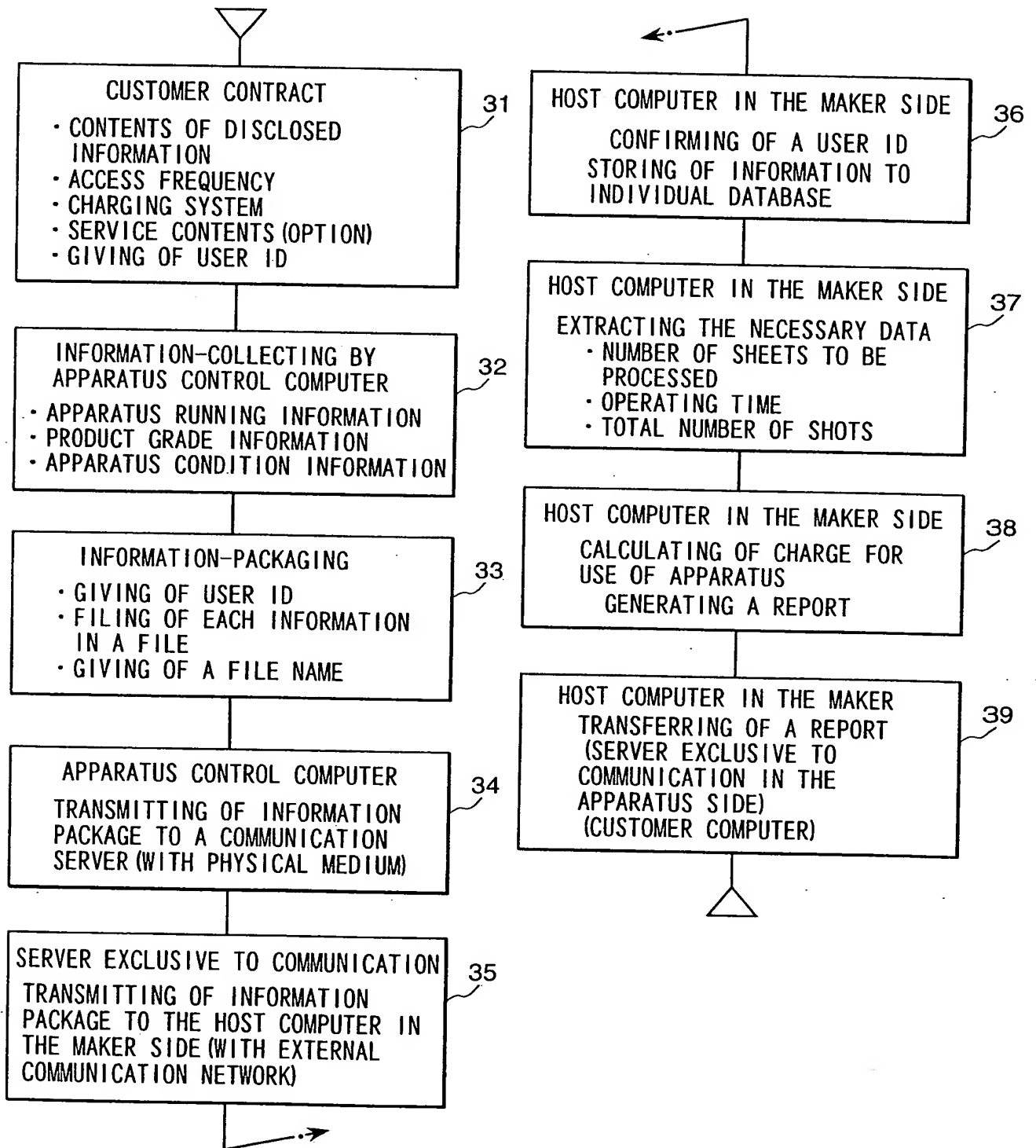


FIG. 4

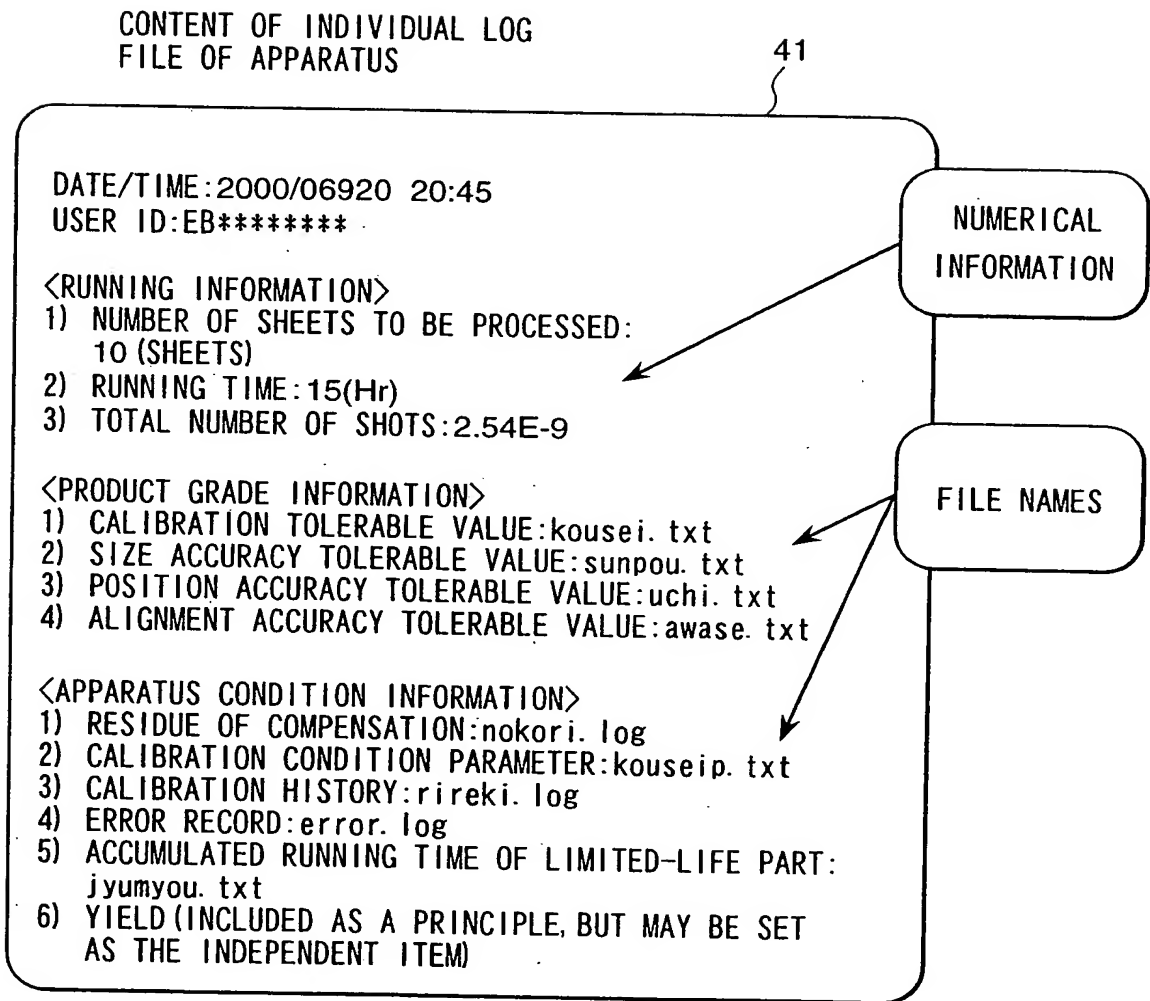


FIG. 5

EXAMPLE OF CHARGE-CALCULATION ALGORITHM

(EXAMPLE 1) . . . SIMPLE PROPORTION TO THE NUMBER
OF SHEETS TO BE PROCESSED

CHARGE FOR USE=NUMBER OF SHEETS TO BE PROCESSED×UNIT PRICE IN THE CONTRACT

(EXAMPLE 2) . . . SIMPLE PROPORTION TO NUMBER OF SHOTS

CHARGE FOR USE=TOTAL NUMBER OF SHOTS×UNIT PRICE IN THE CONTRACT

(EXAMPLE 3) . . . PROPORTION TO THE NUMBER OF SHEETS
(CONSIDERING THE GRADE)

CHARGE FOR USE=NUMBER OF SHEETS TO BE PROCESSED×UNIT PRICE IN
THE CONTRACT×GRADE COEFFICIENT

GRADE COEFFICIENT:ROUGH PROCESS:0.8

USUAL PROCESS:1.0

FINE PROCESS :1.4

(EXAMPLE 4) . . . PROPORTIONAL TO THE NUMBER OF SHEETS PROCESSED-
THROUGHPUT DELAY (CONSIDERING THE GRADE)

CHARGE FOR USE=NUMBER OF SHEETS PROCESSED×UNIT PRICE IN
THE CONTRACT×GRADE COEFFICIENT-RUNNING TIME×(1.4-GRADE COEFFICIENT)

(EXAMPLE 5) . . . PROPORTIONAL TO THE NUMBER OF SHOTS-THROUGHPUT DELAY
(CONSIDERING THE GRADE)

CHARGE FOR USE=TOTAL NUMBER OF SHOTS×UNIT PRICE IN
THE CONTRACT×GRADE COEFFICIENT-RUNNING TIME×(1.4-GRADE COEFFICIENT)

FIG. 6

EXAMPLE OF CHARGE REPORT

61

<REPORT OF CHARGE FOR USE>

62

CUSTOMER ID:EB*****

COLLECTION DATE:2000*06/20

63

64

CHARGE FOR USE:\$x, xxx, xxx
(PRECEDING DAY:\$Z, ZZZ, ZZZ)

65

(CALCULATION CONDITION)

NUMBER OF SHEETS TO BE PROCESSED:13 SHEETS

RUNNING TIME:12HOURS

TOTAL NUMBER OF SHOTS:3.3E9

PRODUCT GRADE COEFFICIENT:1.0

APPARATUS CONDITION COEFFICIENT:0.1

CALCULATION ALGORITHM:No.4

FIG. 7

EXAMPLE OF PERIODICAL CHARGE REPORT

71

<REPORT OF MONTHLY CHARGE FOR USE>

72

CUSTOMER ID:EB*****

COLLECTION DATE:2000/05/21 ~2000/06/20

73

74

CHARGE FOR USE:\$x, xxx, xxx
(PRECEDING DAY:\$Z, ZZZ, ZZZ)

75

(CALCULATION CONDITION)

TOTAL NUMBER OF SHEETS PROCESSED:124 SHEETS

TITAL RUNNING TIME:240 HOURS

TOTAL NUMBER OF SHOTS:8.3E12

AVERAGE GRADE COEFFICIENT:1.2

AVERAGE APPARATUS CONDITION COEFFICIENT:0.1

CALCULATION ALGORITHM:No.4

FIG. 8

SERVICE SYSTEM FLOW

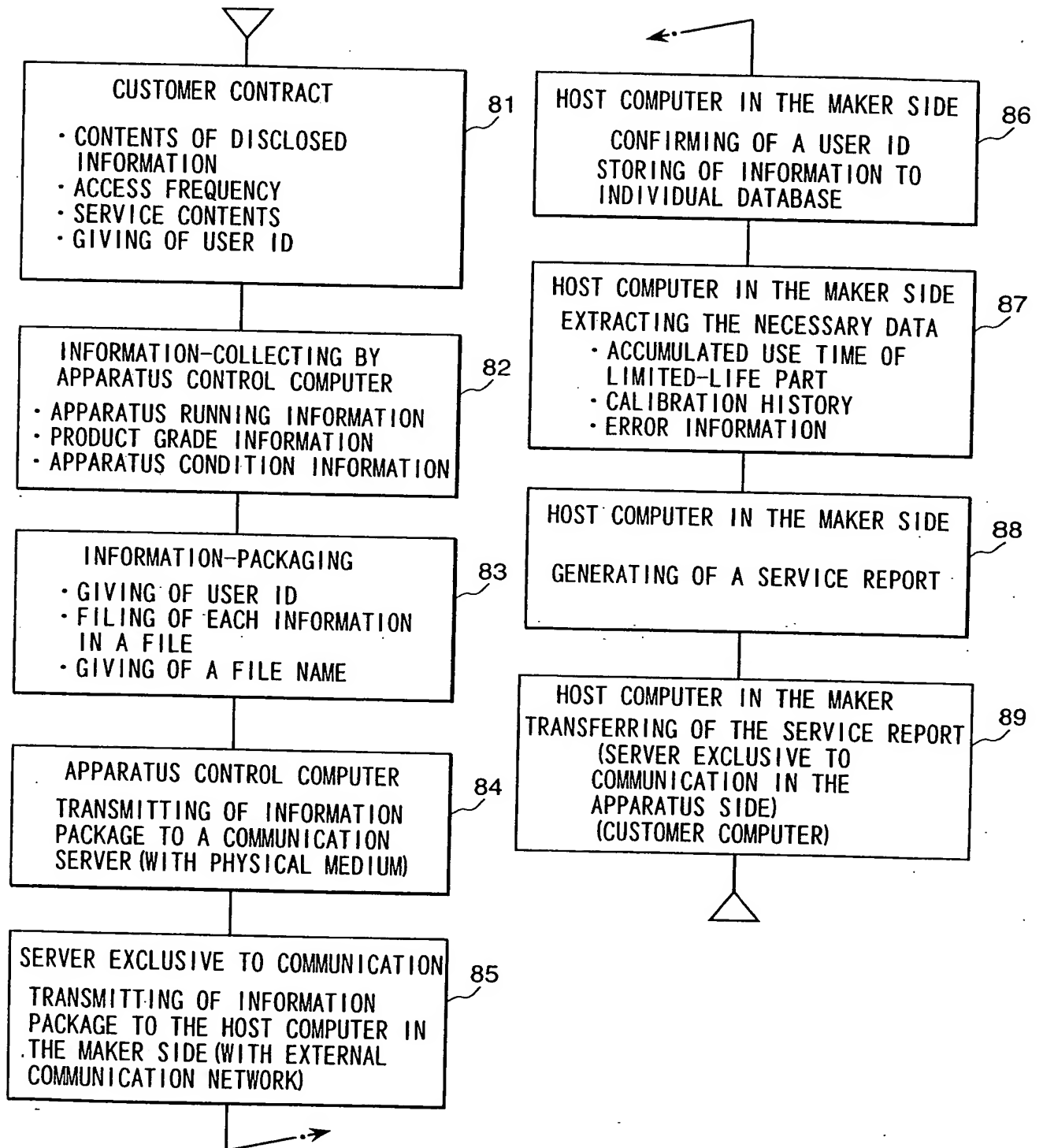


FIG. 9

EXAMPLE OF SERVICE REPORT

91

<SERVICE REPORT>

92

CUSTOMER ID:EB*****
COLLECTION DATE:2000*06/20

93

94

1. LIMITED-LIFE PART INFORMATION

(1) PA HALOGEN LAMP

- ACCUMULATED USE TIME:150 HOURS
- RECOMMENDED EXCHANGE TIME:NEXT PERIODICAL CHECK(2000/12)

95

2. CALIBRATION HISTORY INFORMATION

(1) CURRENT DENSITY

- CURRENT DENSITY CHANGE DURING 7 DAYS IS 0.05.
- ESTIMATED CHIP EXCHANGE TIME IS 2001/03.

96

3. ERROR INFORMATION

(1) MARK DETECTION

- STANDARD MARK DETECTION REPRODUCIBILITY HAS EXCEEDED THE TOLERABLE VALUE
- CHANGE OF MARK POSITION USED IS RECOMMENDED.

FIG. 10

EXAMPLE OF USER ASSISTANCE

101

<REQUEST ENTRY COLUMN>

102

CUSTOMER ID:EB*****

COLLECTION DATE:2000*06/20

103

104

1. CONCERNING THE ACCURACY

GIVE A MARK TO THE ITEM FOR FURTHER IMPROVEMENT IN THE ACCURACY.

☐ SIZE ACCURACY ☐ CONNECTION ACCURACY ☐ POSITION ACCURACY
☐ ALIGNMENT ACCURACY

PLEASE FULL IN THE TARGET SPECIFICATION OF THE
 ACCURACY IMPROVEMENT.

SIZE ACCURACY: CONNECTION ACCURACY:

POSITION ACCURACY: ALIGNMENT ACCURACY:

2. CONCERNING THE CALIBRATION ACCURACY

GIVE A MARK TO THE ITEM FOR FURTHER IMPROVEMENT IN
 THE ACCURACY.

☐ COMPENSATION FOR BEAM SIZE ☐ BEAM ALIGNMENT
☐ COMPENSATION FOR DEFLECTION ☐ HEIGHT DETECTION

DISTORTION
☐ COMPENSATION FOR FOCUS
☐ CURRENT DENSITY MEASUREMENT

3. OTHERS

PLEASE FILL IN YOUR REQUEST.

FIG. 11(i)

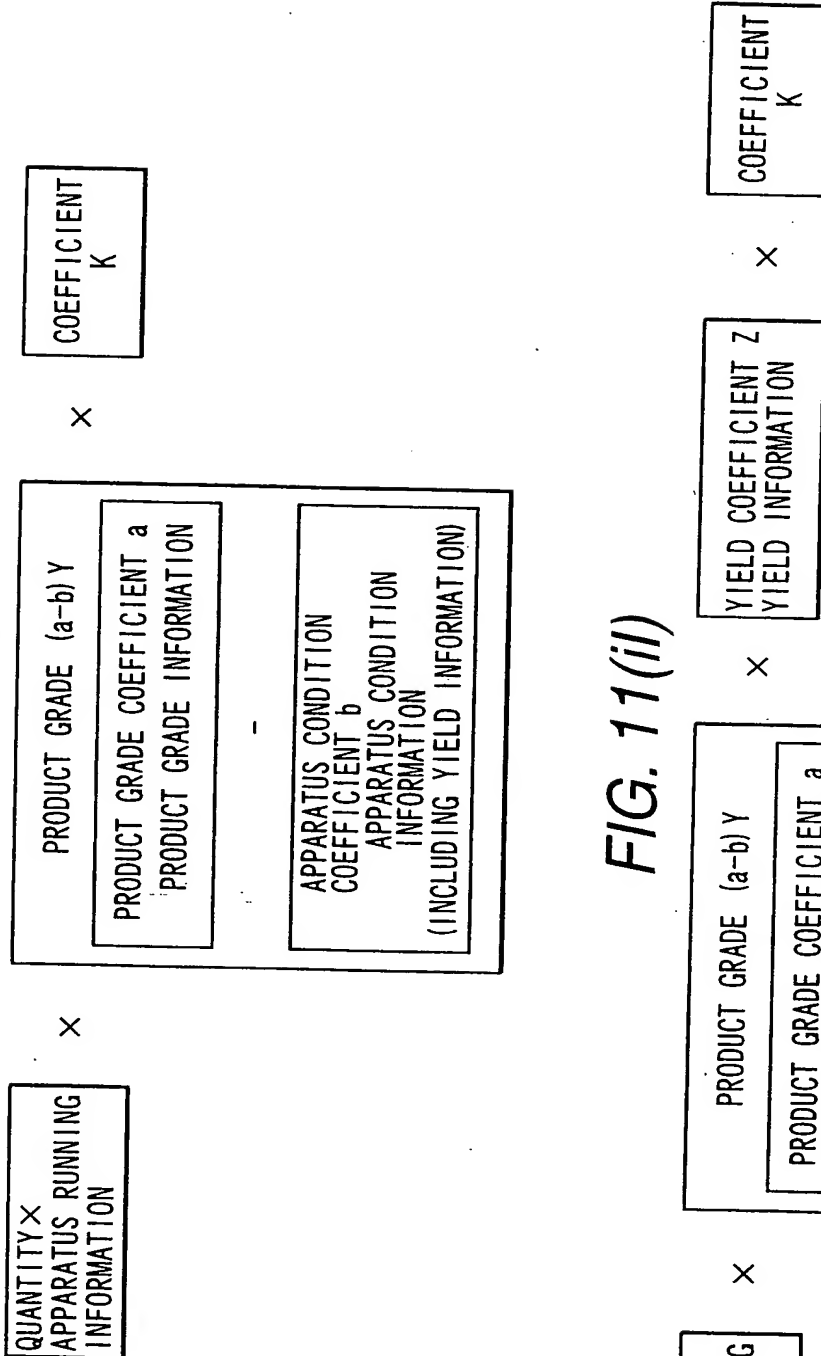


FIG. 11(ii)

